



# \* Achievement Gap Diagnostic

# \* Step 1. Use School Report Card to identify your achievement gaps?



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[Back To Report Card Search](#)

[Profile](#)

[Accountability](#)

[Assessment](#)

[Learning Environment](#)

[Delivery Targets](#)

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**Kentucky**  
State Membership: 652,640

School Year: 2012-13  
Commissioner: Terry Holliday, Ph.D.

[Accountability Profile](#)

[Learners](#)

[Program Reviews](#)

## Next-Generation Learners (NxGL)

*Next-Generation Learners is one of three components of Kentucky's accountability system. The component includes multiple measures of student performance on tests and student accomplishments of graduation and readiness for college or career. Reporting is organized into five categories: Achievement, Gap, Growth, College/Career Readiness and Graduation Rate.*

Next-Generation Learners	Achievement		Gap		Growth		College and Career Readiness		Graduation Rate		Total
	Points	Weighted Score	Points	Weighted Score	Points	Weighted Score	Points	Weighted Score	Points	Weighted Score	Weighted Score Summary
Elementary School	69.9	21.0	42.1	12.6	59.9	24.0					57.6
Middle School	69.0	19.3	39.9	11.2	59.9	16.8	47.2	7.6			54.9
High School	60.7	12.1	33.7	6.7	57.2	11.4	60.8	12.2	86.1	17.2	59.6
State Average											57.4

Accountability > Learners > Gap

## Step 1. Use School Report Card to identify your achievement gaps?

ACHIEVEMENT

GAP

GROWTH

CCR

GRADUATION RATE

Gap

Gap creates a single student gap group that includes students with membership in the following groups as required by federal guidelines: African-American, Hispanic, Native American, students with disabilities, poverty (qualified for free or reduced price lunch) and limited English proficient. The student performance levels of novice, apprentice, proficient and distinguished are reported for this non-duplicated group. Accountability is based on students enrolled a full academic year (100 days).

Last Updated Date: 04/21/2014

Level - Performance Type		Reading	Mathematics	Science	Social Studies	Writing	Language Mechanics	Total Points
Elementary School	NAPD Calculation	37.7	33.8	59.5	49.1	27.4	43.0	
	Points	7.5	6.8	11.9	9.8	4.4	1.7	42.1
Middle School	NAPD Calculation	39.5	29.0	50.2	47.4	33.5	32.8	
	Points	7.9	5.8	10.0	9.5	5.4	1.3	39.9
High School	NAPD Calculation	42.7	26.3	23.9	38.7	36.1	39.0	
	Points	8.5	5.3	4.8	7.7	5.8	1.6	33.7

1. NAPD Calculation comes from adding the Proficient and Distinguished students to show total Non-Duplicated Gap students that are Proficient and Distinguished.

2. Points come from the NAPD Calculation multiplied by the equal weight of content areas: Reading, Mathematics, Science, Social Studies are 20% and Writing/Language Mechanics is 20% (Writing 16% and Language Mechanics 4%). If content area data is not available weights are redistributed proportionally.

Accountability > Learners > Gap

Compare content areas and grade levels to determine which group to investigate further

## Step 1. Use School Report Card to identify your achievement gaps?

MATHEMATICS - Performance Level							
	Number Accountable 100 days enrolled	Percent Novice	Percent Apprentice	Percent Proficient	Percent Distinguished	Percent Proficient/Distinguished	NAPD Calculation
Level	State	State	State	State	State	State	State
Elementary School - Gap Group (non-duplicated)	100,755	27.0	39.2	26.6	7.2	33.8	33.8
Middle School - Gap Group (non-duplicated)	96,420	23.0	48.0	25.1	3.9	29.0	29.0
High School - Gap Group (non-duplicated)	24,456	31.5	42.2	22.3	3.9	26.3	26.3

Accountability > Learners > Gap

Consider the distribution:




MATHEMATICS - Performance Level								
	Number Accountable 100 days enrolled	Percent Novice	Percent Apprentice	Percent Proficient	Percent Distinguished	Percent Proficient/Distinguished	Percent Bonus	NAPD Calculation
Level	State	State	State	State	State	State	State	State
* <a href="#">Elementary School - All Students</a>	151,061	20.6	35.5	31.2	12.7	43.9	0.0	61.7
* <a href="#">Middle School - All Students</a>	151,773	16.7	42.6	32.4	8.3	40.7	0.0	62.0
<a href="#">By Grade</a> <a href="#">By Group</a>								
Achievement - Mathematics - Middle School - Performance Level								
	Number Accountable 100 days enrolled	Percent Novice	Percent Apprentice	Percent Proficient	Percent Distinguished	Percent Proficient/Distinguished		
Group	State	State	State	State	State	State		
* <a href="#">All Students</a>	151,773	16.7	42.6	32.4	8.3	40.7		
* <a href="#">Male</a>	76,154	19.1	42.2	30.5	8.2	38.7		
* <a href="#">Female</a>	73,615	14.2	43.0	34.5	8.3	42.6		
* <a href="#">White (Non-Hispanic)</a>	123,316	14.5	41.8	34.7	9.0	43.7		
* <a href="#">African American</a>	16,368	32.3	47.8	17.8	2.1	19.8		
* <a href="#">Hispanic</a>	5,800	19.6	48.2	27.8	4.3	32.2		
* <a href="#">Asian</a>	2,042	9.4	24.9	35.2	30.5	65.7		
* <a href="#">American Indian or Alaska Native</a>	453	20.3	47.7	27.6	4.4	32.0		
* <a href="#">Native Hawaiian or Other Pacific Islander</a>	137	22.6	41.6	25.5	10.2	35.8		
* <a href="#">Two or more races</a>	3,289	19.1	46.6	28.7	5.6	34.3		
* <a href="#">Migrant</a>	344	25.6	46.8	25.9	1.7	27.6		
* <a href="#">Limited English Proficiency</a>	2,626	37.9	47.9	12.5	1.7	14.2		
* <a href="#">Free/Reduced-Price Meals</a>	88,689	22.9	48.3	25.1	3.7	28.8		
* <a href="#">Disability-With IEP (Total)</a>	17,229	42.9	41.6	13.1	2.4	15.5		
* <a href="#">Disability-With IEP (not including Alternate)</a>	15,560	45.1	41.2	11.6	2.0	13.6		
* <a href="#">Disability-With Accommodation (not including Alternate)</a>	12,016	46.5	40.9	10.8	1.7	12.6		
* <a href="#">Disability-Alternate Only</a>	1,669	22.2	45.0	27.1	5.6	32.8		
* <a href="#">Gap Groups (non-duplicated)</a>	96,420	23.0	48.0	25.1	3.9	29.0		
* <a href="#">High School - All Students</a>	44,117	24.8	39.2	27.6	8.4	36.0	0.0	55.6

Accountability > Learners > Achievement

Identify which gap groups have the lowest performance, and potential impact based upon size of group (see Special Ed vs African American)  
Refer to Accountability Calculator to determine potential impact

# What was your Delivery Target and did you meet it?





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[Profile](#) [Accountability](#) [Assessment](#) [Learning Environment](#) [Delivery Targets](#)

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**Kentucky**  
State Membership: 652,640

School Year: 2012-13  
Commissioner: [Terry Holliday, Ph.D.](#)

The Kentucky Department of Education's vision is to ensure that all students are empowered with the skills, knowledge and dispositions necessary to reach proficiency and graduate from high school college and career-ready. The Kentucky Department of Education is using Delivery as a method to establish yearly targets and five-year goals to help schools, districts and our state meet these expectations.

**Calculation of State Delivery Goals:**  
Each state goal is calculated using the same formula. For example, the state goal for College and Career Readiness (CCR) was computed using the following formula:  
The state CCR baseline rate in 2009-2010 was 34%. To compute the five-year goal, this rate is subtracted from 100 ( $100 - 34 = 66$ ), then divided by 2 ( $66/2 = 33$ ) and added back to the 2009-2010 baseline score ( $34 + 33 = 67$ ). This results in a state CCR five-year delivery goal of 67%.

**Calculation of School and District Delivery Yearly Targets:**  
School and district five-year delivery goals are calculated using the same formula, then divided by 5 to establish annual delivery targets. For example, a school with a 2009-2010 baseline score of 34%, would have a five-year goal of 67%. The difference between the school's baseline and five-year goal ( $67 - 34 = 33$ ) is then divided by 5 ( $33/5 = 6.6$ ) to give the incremental gains needed to meet the five-year delivery goal. This increase is added to the baseline score and also to subsequent years to create the annual delivery targets.

**State Trend Data:**  
To view the school trajectory, click [here](#).

[Proficiency/Gap](#) [CCR](#) [Graduation Rate](#)

### Closing the Achievement Gap (K-12)

*The Proficiency and Gap delivery targets provide schools and districts with the annual progress needed to meet their 2017 Proficiency and Gap delivery goals. The overall delivery targets and goals are created based on the combined percentage of students scoring proficient or higher in math and reading. Delivery targets and goals are provided for all schools, although state- and district-level progress is tracked only for students in grades K-8. Data in this table refer to the Kentucky Performance Rating for Educational Progress (K-PREP) test results for elementary and middle schools and K-PREP End-of-Course for high schools, which can be found [here](#).*

Last Updated Date: 04/21/2014

# What was your Delivery Target and did you meet it?

Mathematics - Percentage Proficient/Distinguished							
Level	Target Type	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
		State	State	State	State	State	State
Elementary School - All Students	Delivery Target		46.4	52.3	58.3	64.2	70.2
	Actual Score	40.4	43.9				
	Met Target		No				
Middle School - All Students	Delivery Target		46.5	52.5	58.4	64.4	70.3
	Actual Score	40.6	40.7				
	Met Target		No				

Mathematics - Percent Proficient/Distinguished - Middle School							
Level	Target Type	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
		State	State	State	State	State	State
Male	Delivery Target		45.1	51.2	57.3	63.4	69.5
	Actual Score	39.0	38.7				
	Met Target		No				
Female	Delivery Target		48.1	53.8	59.6	65.4	71.2
	Actual Score	42.3	42.8				
	Met Target		No				
White (Non-Hispanic)	Delivery Target		49.2	54.8	60.5	66.1	71.8
	Actual Score	43.5	43.7				
	Met Target		No				
African American	Delivery Target		28.2	36.2	44.1	52.1	60.1
	Actual Score	20.2	19.8				
	Met Target		No				
Hispanic	Delivery Target		38.3	45.1	52.0	58.8	65.7
	Actual Score	31.4	32.2				
	Met Target		No				

Delivery Targets > Proficiency/Gap

Considering your delivery targets for each gap group, have you identified the appropriate target?

# What was your Delivery Target and did you meet it?

Asian	Delivery Target		70.0	73.4	76.7	80.0	83.4
	Actual Score	66.7	65.7				
	Met Target		No				
Migrant	Delivery Target		29.0	36.9	44.8	52.7	60.6
	Actual Score	21.1	27.6				
	Met Target		No				
Limited English Proficiency	Delivery Target		24.3	32.7	41.1	49.5	58.0
	Actual Score	15.9	14.2				
	Met Target		No				
Free/Reduced-Price Meals	Delivery Target		35.7	42.8	50.0	57.1	64.3
	Actual Score	28.5	28.8				
	Met Target		No				
Disability-With IEP (Total)	Delivery Target		23.6	32.1	40.6	49.1	57.6
	Actual Score	15.1	15.5				
	Met Target		No				
Gap Group (non-duplicated)	Delivery Target		35.8	43.0	50.1	57.2	64.4
	Actual Score	28.7	29.0				
	Met Target		No				



## Step 1. Use School Report Card to identify your achievement gaps?

School Name: _____							
Level	Accountability	Achievement	Gap	Growth	Readiness	Graduation	Overall Score
Elementary	Scores						Invalid Data
	Weights						
	Points						

[Clear Data](#)

Achievement - Counts	Reading	Mathematics	Science	Social Studies	On-Demand	Language
Novice						
Apprentice						
Proficient						
Distinguished						
Total	0	0	0	0	0	0
Score						
Gap -						
Novice						
Apprentice						
Proficient						
Distinguished						
Total	0	0	0	0	0	0
Score						

Achievement - Counts	Reading	Mathematics	Science	Social Studies	On-Demand	Language
Novice						
Apprentice						
Proficient						
Distinguished						
P&D						
Applied Bonus						
Gap -						
Percentage						
Novice						
Apprentice						
Proficient						
Distinguished						
P&D						

Percent of Students with a Growth Percentile greater than or equal to 40	
Reading	
Mathematics	

Explore Benchmark Percentages	
English	
Mathematics	
Reading	

College/Career Ready Counts	
College Ready	
Career Ready	
Alternate Ready	
Bonus - College and Career Ready Technical	
Not Ready	
No. Graduates	

Graduation Rate	
Graduation Rate	

**Tips for Using the Calculator**

--The calculator is based on grade level (elementary, middle, high).

--Select the grade level in the yellow box at Column A, Row 4.

--Enter data in yellow boxes only (other cells are protected).

All data needed for the yellow boxes are found on the K-PREP Summary spreadsheet (downloaded from KDE secure web application). The percentages for Growth, EXPLORE and Graduation Rate are also available in the School Report Card.

--Once a calculator is filled in with data, be sure to "save as" with a new name (i.e., name of school) to retain information for future use.

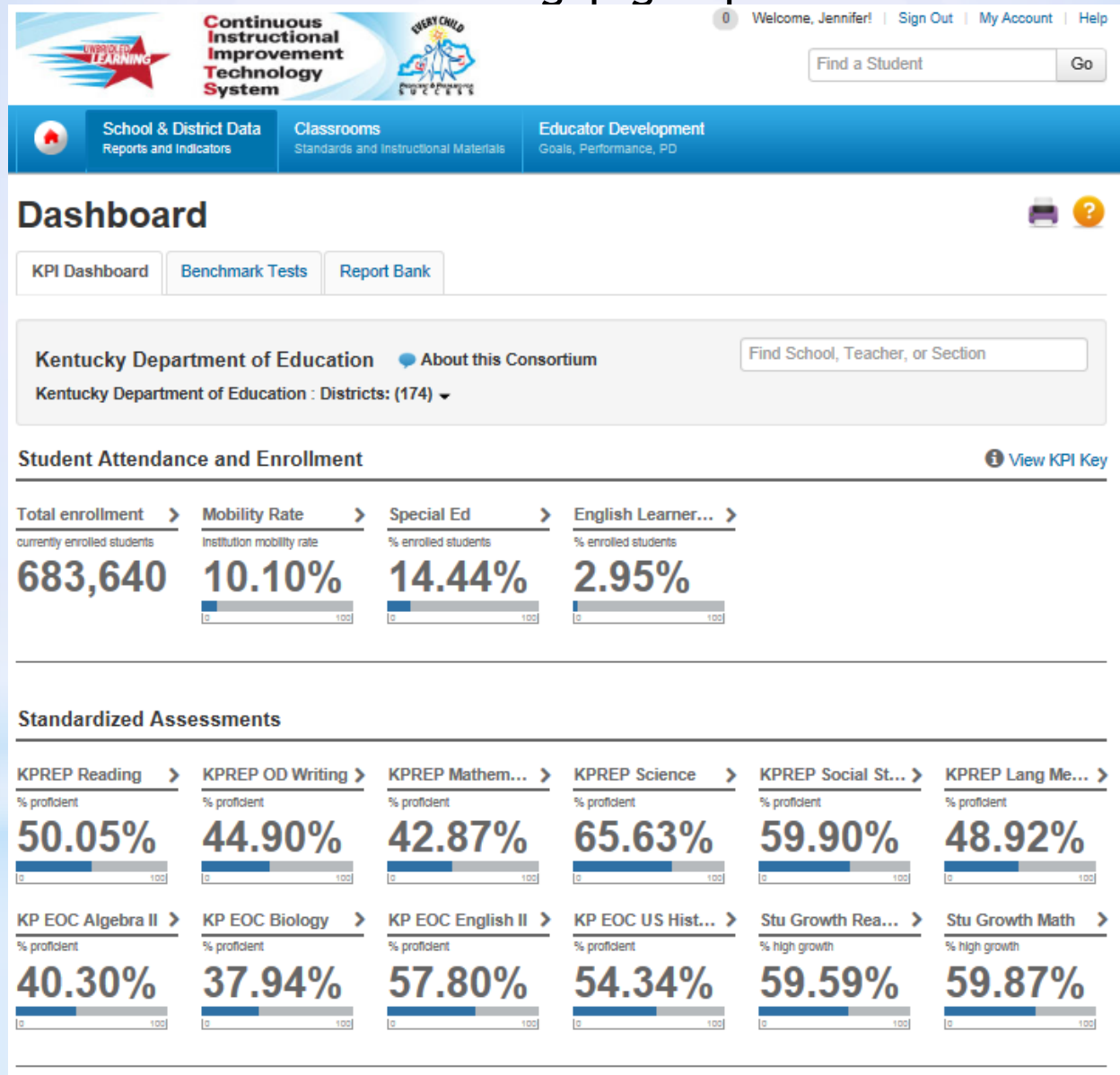
Source: [http://education.ky.gov/AA/distsupp/Documents/NxGen%20Learners%20Accountability%20Calculator\\_V3.xls](http://education.ky.gov/AA/distsupp/Documents/NxGen%20Learners%20Accountability%20Calculator_V3.xls)

You can use tools such as the Accountability Calculator to test scenarios

Step 2. Use CIITS to provide *current* information about the identified gap group

- \* Do you see similar results for your current students?
- \* SGP?
- \* Considering student mobility for each group of students (N, A, P, D), what proportion of students changed schools in the prior year (or two), were retained, and what was their attendance record?

## Step 2. Use CIITS to provide current information about the identified gap group



## Step 2. Use CIITS to provide current information about the identified gap group

Of the current Gap Group students enrolled in your school, please provide the following information about last year's performance

	K-PREP or EOC			
	Novice	Apprentice	Proficient	Distinguished
<i>K-PREP/EOC</i>				
<i>SGP (average scores by group)</i>				
<i>Attendance (average)</i>				
<i>Tardy (average)</i>				
<i>Formative Assessment</i>				
Fall				
Winter				
Spring				